

Beaver Creek Coal Company

P.O. Box 1378

Price, Utah 84501

Telephone 801 637-5050

April 8, 1986

Mr. Lowell Braxton
Administrator
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

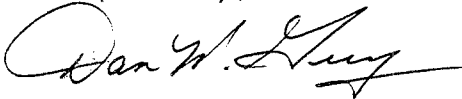
Re: 1985 Annual Report
C.V. Spur Loadout Facility
ACT/007/022
Carbon County, Utah

Dear Mr. Braxton:

Enclosed is the Annual Report for Coal Mining and Reclamation
Operations for 1985 for C.V. Spur.

If you have any questions or need any further information, please let
me know.

Respectfully,



Dan W. Guy,
Manager, Permitting & Compliance

cc: J. Marshall
File 4-P-4-1-1

RECEIVED
APR 10 1986

DIVISION OF
OIL, GAS & MINING

(December 1985)

COAL MINING AND RECLAMATION OPERATIONS FOR 1985
(Authority UMC 784)

(Must be submitted to the Division by March 31, 1986)

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203
(801) 538-5340

Operator: Beaver Creek Coal Company
Mine Name: C.V. Spur Processing and Loadout Facility
Mailing Address: PO Box 1378, Price, Utah 84501
Company Representative: Dan W. Guy
Permit No.: ACT/007/022
Date of Permanent Program Permit: 8/6/84
Quantity of Coal Mined (tonnage) 1985: 1,100,247 Tons (Processed)

Attach Most Recent Certificate of Insurance. (Included)

Attach Updated Mine Sequence Map. (Included)

All monitoring activities during the report period must be submitted with this report: (including, but not limited to)

- A. Water Monitoring Data (Included)
- B. Precipitation Data (Included)
- C. Subsidence Monitoring (N/A)
- D. Vegetation Data (test plots) or Revegetation Success Monitoring (includes interim and final) (N/A)
- E. Permit Stipulation Status (Included)
- F. Refuse Pile Inspections and Analyses (Included)
- G. Modifications / Amendments (Included)

0488R

C.V. SPUR

CERTIFICATES OF INSURANCE



GROUP OF INSURANCE COMPANIES CERTIFICATE OF INSURANCE

Figure 2-1

(This Certificate of Insurance neither affirmatively nor negatively amends, extends or alters the coverage, limits, terms or conditions of the policies it certifies.)

This is to Certify to

State of Utah
Dept. of Oil, Gas & Mining
1589 West North Temple
Salt Lake City, Utah 84116

COMPANY CODES

- ☒ 2 INA UNDERWRITERS INS. CO.
☒ 3 INA OF TEXAS
☒ 5 PACIFIC EMPLOYERS INS. CO.
☒ 9 INSURANCE COMPANY OF NORTH AMERICA
☒ A INA INS. CO. OF ILLINOIS
☒ B INA INS. CO. OF OHIO
☐ (OTHER; - SPECIFY) **FOLD**

that the following described policy or policies, issued by The Company as coded below, providing insurance only for hazards checked by "X" below, have been issued to:

NAME AND ADDRESS OF INSURED: Atlantic Richfield Company, Its subsidiaries and subsidiaries thereof as now or hereinafter constituted, Atlantic Richfield Plaza, 515 So. Flower St., Los Angeles, CA 90071

covering in accordance with the terms thereof, at the following location(s):

Including Beaver Creek Coal Company

| TYPE OF POLICY | | HAZARDS | CO. CODE | POLICY NUMBER | POLICY PERIOD | LIMITS OF LIABILITY | |
|--|--|-------------------------------------|----------------------------|--|----------------------|---------------------------------|---|
| (a) Standard Workmen's Compensation & Employers' Liability | | <input type="checkbox"/> | <input type="checkbox"/> | | | \$ | Statutory W. C. One Accident and Aggregate Disease |
| Bodily Injury | (b) General Liability Premises—Operations (including "Incidental Contracts" as defined below) | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | SCG 1440 | 01-01-81 to 01-01-84 | s s*See Below s | Each Person |
| | Independent Contractors | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence |
| | Completed Operations/Products | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | |
| | Contractual, (Specific type as described in footnote below) | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | Aggregate—Completed Operations/Products |
| Property Damage | Premises—Operations (including "Incidental Contracts" as defined below) | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | SCG 1440 | 01-01-81 to 01-01-84 | s s*See Below s s s | Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence |
| | Independent Contractors | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | Aggregate—Prem./Oper. |
| | Completed Operations/Products | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | Aggregate—Protective |
| | Contractual, (Specific type as described in footnote below) | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | Aggregate—Completed Operations/Products Aggregate—Contractual |
| Bodily Injury | (c) Automobile Liability Owned Automobiles | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | SCA 5343 | 01-01-81 to 01-01-84 | s s s | Each Person |
| | Hired Automobiles | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence |
| | Non-owned Automobiles | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | |
| Property Damage | Owned Automobiles | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | SCA 5343 | 01-01-81 to 01-01-84 | s | Each { <input type="checkbox"/> Accident <input type="checkbox"/> Occurrence |
| | Hired Automobiles | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | |
| | Non-owned Automobiles | <input checked="" type="checkbox"/> | <input type="checkbox"/> 9 | | | | |
| (d) See reverse side for additional wording | | | | * \$2,000,000 Combined Single Limit per occurrence subject to aggregate of \$2,000,000 where applicable. This Policy covers all operations in all States. | | | |

Contractual Footnote: Subject to all the policy terms applicable, specific contractual coverage is provided as respects

(Check ☐ a contract
Applicable ☐ purchase order agreements
Block ☐ all contracts } between the Insured and:

NAME OF OTHER PARTY

DESCRIPTION (OR JOB)

It is the intention of the company that in the event of cancellation of the policy or policies by the company, ten (10) days' written notice of such cancellation will be given to you at the address stated above.

DATE (if applicable)

CONTRACT NO. (if any)

Definitions: "Incidental contract" means any written (1) lease of premises (2) easement agreement, except in connection with construction or demolition operations on or adjacent to a railroad, (3) undertaking to indemnify a municipality required by municipal ordinance, except in connection with work for the municipality, (4) sidetrack agreement, or (5) elevator maintenance agreement.

Coverage includes use of explosives and damage to water wells. It is hereby understood and agreed that the insurers notify the State of Utah, Division of Oil, Gas & Mining, whenever substantive changes are made in the policy, including any termination or failure to renew in accordance with UMC 806.14 (c).

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-10-2001 BY 60322 UCBAW

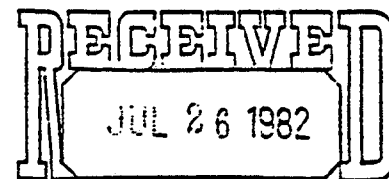
EXEMPT FROM DISCLOSURE UNDER THE
FOIA EXEMPTIONS

| | | | |
|------------|------------|------------|------------|
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |
| 10-10-2001 | 10-10-2001 | 10-10-2001 | 10-10-2001 |

THIS DOCUMENT CONTAINS INFORMATION THAT IS UNCLASSIFIED
DATE 01-10-2001 BY 60322 UCBAW

Atlantic Richfield Company Finance
515 South Flower Street
Los Angeles, California 90071
Telephone 213 486 1374

H. A. Minehart
Risk Manager



PERMITS & COMPLIANCE

July 22, 1982

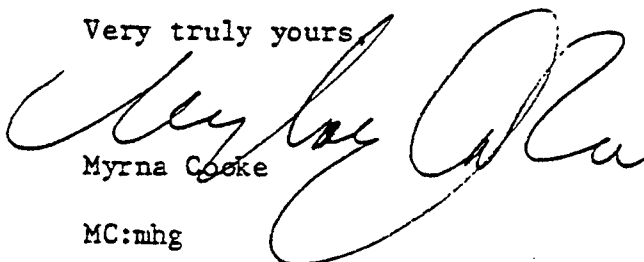
State of Utah
Division of Oil, Gas and Mining
Utah Department of Natural Resources
4241 State Office Building
Salt Lake City, UT 84114

Attention: Mr. James W. Smith, Jr.
Coordinator, Mined Land Development

Gentlemen:

With respect to our Certificate of Insurance issued to your office on March 9, 1981, with an expiration date of January 1, 1984, please be advised that the General Liability Insurance will be renewed on January 1, 1984, for another three-year period, at which time a new Certificate will be furnished to the State of Utah, Division of Oil, Gas and Mining.

Very truly yours,



Myrna Cooke

MC:mhg

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED

JUL 30 1984

DIVISION OF OIL
GAS & MINING

THE MINED LANDS RECLAMATION ACT

BOND

The undersigned Beaver Creek Coal Company
as principal, and FEDERAL INSURANCE COMPANY as
surety, hereby jointly and severally bind ourselves, our heirs, administrators,
executors, successors and assigns unto the State of Utah, Division of Oil, Gas
and Mining in the penal sum of Two Million, Seventeen Thousand, Six Hundred &
Sixty Nine dollars (\$2,017,669.00).

The principal estimated in a "Notice of Intention to Commence Mining
Operations and a Mining and Reclamation Plan," filed with the Division of Oil,
Gas and Mining on the 23rd day of September,
1983, that 160.0 acres of land will be affected by this mining
operation in the State of Utah. A description of the affected land is attached
hereto as Exhibit "A."

If the principal shall satisfactorily reclaim the above-mentioned lands
affected by mining by the said principal in accordance with the Mining and
Reclamation Plan and shall faithfully perform all requirements of the Mine
Land Reclamation Act, and comply with the Rules and Regulations adopted in
accordance therewith, then this obligation shall be void; otherwise it shall
remain in full force and effect until the reclamation is completed as outlined
in the approved Mining and Reclamation Plan.

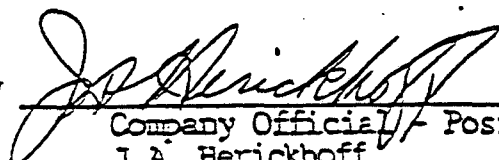
If the approved plan provides for reclamation of the land affected on
piecemeal or cyclic basis, and the land is reclaimed in accordance with said
plan, then this bond may be reduced periodically.

In the converse, if the plan provides for a gradual increase in the area
of the land affected or increased reclamation work, then this bond may
accordingly be increased with the written approval of the surety company.

NOTE: Where one signs by virtue of Power of Attorney for a surety company, such Power of Attorney must be filed with this bond. If the principal is a corporation, the bond shall be executed by its duly authorized officers with the seal of the corporation affixed.

Beaver Creek Coal Company
Principal (Company)

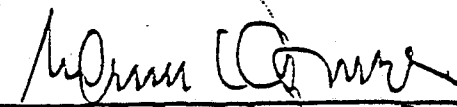
By


Company Official - Position
J.A. Herickhoff
General Manager

Date: July 30, 1984

FEDERAL INSURANCE COMPANY
Surety (Company)

By


Official of Surety - Position
Norman D. Squires, Attorney-in-Fact
447 East First South
Salt Lake City, Utah 84111

DATE: July 30, 1984

STATE OF UTAH

County of Salt Lake

ss.:

On this 30th day of July, in the year nineteen hundred
eighty-four, A. D., before me, Mary Cristaudo, a Notary Public in and for the
County of Salt Lake, State of Utah, residing therein, duly commissioned and

personally appeared Norman D. Squitres
known to me to be the Attorney(s) in Fact of Federal Insurance Company executing
annexed instrument, and acknowledged to me that such Corporation executed the

IN WITNESS WHEREOF, I have hereunto set my hand and affixed by official
in said county the day and year in this certificate first above written.

Mary Cristaudo
Notary Public in and for the County of Salt Lake, State of

My Commission Expires July 4, 1957
My Commission expires

C.V. SPUR PROCESSING & LOADOUT FACILITY

Exhibit A

Affected Area

SW $\frac{1}{4}$, Section 11, T. 15S., R. 10E., SLM, Utah
(160 Acres, more or less)

POWER OF ATTORNEY

Know all Men by these Presents, That the FEDERAL INSURANCE COMPANY, 15 Mountain View Road, Warren, New Jersey, a New Jersey corporation, has constituted and appointed, and does hereby constitute and appoint Norman D. Squires, Richard G. Taylor and George L. Williams, Salt Lake City, Utah

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on surety thereon or otherwise, bonds of any of the following classes, to-wit:

1. Bonds and Undertakings filed in any suit, matter or proceeding in any Court, or filed with any Sheriff or Magistrate, for the doing or not doing specified in such Bond or Undertaking.
2. Surety bonds to the United States of America or any agency thereof, including those required or permitted under the laws or regulations relating to Internal Revenue; License and Permit Bonds or other indemnity bonds under the laws, ordinances or regulations of any State, City, Town, Board or other body or organization, public or private; bonds to Transportation Companies, Lost Instrument bonds; Lease bonds, Workers' Compensation bonds, Miscellaneous Surety bonds and bonds on behalf of Notaries Public, Sheriffs, Deputy Sheriffs and similar public officials.
3. Bonds on behalf of contractors in connection with bids, proposals or contracts.

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Assistant Vice-President and Assistant Secretary corporate seal to be hereto affixed this 12th day of December 1983

Corporate Seal



Richard D. O'Connor

Assistant Secretary

FEDERAL INSURANCE COMPANY

By

George McClellan

Assistant Vice-President

STATE OF NEW JERSEY
County of Somerset

ss.

On this 12th day of December 1983, before me personally came Richard D. O'Connor to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney, and the said Richard D. O'Connor being by me duly sworn, did depose and say that he is of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of said Company, and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; and that he is acquainted with George McClellan and knows him to be the Assistant Vice-President of said Company, and that the signature of said George McClellan subscribed to said Power of Attorney is in the genuine handwriting of said George McClellan and was thereto subscribed by him in deponent's presence.

Notarial Seal



Acknowledged and Sworn to before me
on the date above written.

Alice Leonard
Notary Public

CERTIFICATION

Alice Leonard
NOTARY PUBLIC OF NEW JERSEY.
My Commission Expires June 28, 1988

STATE OF NEW JERSEY
County of Somerset

ss.

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted on March 11, 1953 and most recently amended March 11, 1983 and that this By-Law is in full force and effect.

"ARTICLE XVIII.

Section 2. All bonds, undertakings, contracts and other instruments other than as above for and on behalf of the Company which it is authorized by law or its charter to execute, and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee or in any power of attorney executed as provided for in Section 3 below, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney.

Section 3. All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the Vice-Chairman or the President or a Vice-President or an Assistant Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved or intaglio.

I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact liability and surety business in each of the States of the United States of America, District of Columbia, Puerto Rico, and Provinces of Canada with the exception of Prince Edward Island, and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by law.

I, the undersigned Assistant Secretary of FEDERAL INSURANCE COMPANY, do hereby certify that the foregoing Power of Attorney is in full force and effect.

Given under my hand and the seal of said Company at Warren, N.J., this 30th day of July 1984

Corporate Seal



Assistant Secretary

C.V. SPUR

OPERATIONS MAP

C.V. SPUR

1985

WATER MONITORING DATA

CV Spur

Station: CV-0-W

D = Discharge

S = Spring

FD = French Drain

Loc. : NW Corner of Pr.

PS = Perennial Stream

IS = Inter- mittent Stream

DH = Ditch

Year : 1985

ES = Ephemeral Stream

R = Runoff

WE = Well

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|----------|----------|---------|--------|--------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 18.33 | 8.20 | 8.40 | 6.00 | 10000.00 | 15800.00 | 1.28e04 | 480.00 | 406.00 | 0.11 | 3.09 | 9370.00 | 202.00 | NA |
| 06/11 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 09/19 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 12/04 | WE | Quart. | Dry | | | | | | | | | | | | | |
| Mean | : | | 18.33 | 8.20 | 8.40 | 6.00 | 10000.00 | 15800.00 | 1.28e04 | 480.00 | 406.00 | 0.11 | 3.09 | 9370.00 | 202.00 | 0.00 |

CV Spur

Station: CV-1-W

Loc. : NE Corner of Pr.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|----------|----------|---------|--------|------|-------|-------|---------|----------|-------|
| 03/09 | FD | Quart. | Dry | | | | | | | | | | | | | |
| 06/11 | FD | Quart. | NA | 8.00 | 7.90 | 7.00 | | 14200.00 | 1.26e04 | 158.00 | 1.74 | 0.03 | 4.76 | 8270.00 | 181.00 | NA |
| 09/19 | FD | Quart. | UK | 7.80 | 7.70 | 6.00 | 10000.00 | 13400.00 | 1.29e04 | 74.00 | 0.84 | 0.42 | 3.30 | 9162.00 | 186.00 | NA |
| 12/04 | FD | Quart. | Dry | | | | | | | | | | | | | |
| Mean | : | | 0.00 | 7.90 | 7.80 | 6.50 | 10000.00 | 13800.00 | 1.27e04 | 116.00 | 1.29 | 0.22 | 4.03 | 8716.00 | 183.50 | 0.00 |

CV Spur

Station: CV-2-W

Loc. : West Central Prop.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|--------|--------|------|------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 06/11 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 09/19 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 12/04 | WE | Quart. | Dry | | | | | | | | | | | | | |
| Mean | : | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

CV Spur

Station: CV-3-W

Loc. : South Central Prop.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|---------|---------|---------|--------|-------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 12.00 | 8.00 | 7.70 | 7.00 | 4500.00 | 4680.00 | 3830.00 | 150.00 | 12.20 | 0.59 | 0.16 | 2650.00 | 54.00 | NA |
| 06/11 | WE | Quart. | 6.00 | 7.50 | 7.60 | 9.00 | 4000.00 | 4030.00 | 3540.00 | 34.00 | 0.89 | 0.17 | 0.75 | 2280.00 | 32.00 | NA |
| 09/19 | WE | Quart. | 6.00 | 7.40 | 7.40 | 6.00 | 4000.00 | 4160.00 | 4132.00 | 102.00 | 0.69 | 0.18 | 1.64 | 2717.00 | 43.00 | NA |
| 12/04 | WE | Quart. | 7.00 | 7.50 | 7.40 | 6.00 | 4000.00 | 4200.00 | 4012.00 | 154.00 | 7.43 | 0.37 | -0.03 | 2651.00 | 46.00 | NA |
| Mean | : | | 7.75 | 7.60 | 7.52 | 7.00 | 4125.00 | 4267.50 | 3878.50 | 110.00 | 5.30 | 0.32 | 0.63 | 2574.50 | 43.75 | 0.00 |

CV Spur

Station: CV-4-W

Loc. : NE Corner Prop.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|--------|------|--------|----------|------|------|-------|----------|----------|---------|--------|-------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 9.82 | 8.00 | 7.90 | 8.00 | 6400.00 | 6460.00 | 3920.00 | 232.00 | 3.97 | 0.02 | 0.46 | 3590.00 | 47.00 | NA |
| 06/11 | WE | Quart. | 8.00 | 8.00 | 7.70 | 10.00 | 9000.00 | 7830.00 | 5700.00 | 130.00 | 2.11 | 0.14 | 1.11 | 4490.00 | 58.00 | NA |
| 09/19 | WE | Quart. | 14.33 | 7.10 | 7.30 | 6.00 | 9000.00 | 9530.00 | 9308.00 | 470.00 | 31.30 | 0.68 | 1.04 | 6421.00 | 73.00 | NA |
| 12/04 | WE | Quart. | 0.80 | 7.50 | 7.40 | 6.00 | 10000.00 | 10300.00 | 9688.00 | 712.00 | 2.01 | 0.11 | 0.13 | 6833.00 | 77.00 | NA |
| Mean : | | | 8.23 | 7.65 | 7.57 | 7.50 | 8600.00 | 8530.00 | 7154.00 | 386.00 | 9.84 | 0.23 | 0.68 | 5333.50 | 63.75 | 0.00 |

CV Spur

Station: CV-5-W

Loc. : North Central Prop.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|--------|------|--------|----------|------|------|------|----------|----------|----------|--------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 3.75 | 8.00 | 7.80 | 6.00 | 10000.00 | 34800.00 | 3.22e04 | 238.00 | 8.00 | 5.70 | 0.03 | 2.46e04 | 513.00 | NA |
| 06/11 | WE | Quart. | 12.00 | 8.00 | 7.70 | 8.00 | | 26800.00 | 2.84e04 | 366.00 | 3.21 | 1.26 | 0.16 | 1.88e04 | 362.00 | NA |
| 09/19 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 12/04 | WE | Quart. | 9.00 | 7.20 | 7.30 | 6.00 | 3500.00 | 3610.00 | 3586.00 | 184.00 | 6.78 | 2.51 | 0.18 | 2266.00 | 30.00 | NA |
| Mean : | | | 8.25 | 7.73 | 7.60 | 6.66 | 6750.00 | 21736.66 | 21395.33 | 262.66 | 5.99 | 3.15 | 0.12 | 1.52e04 | 301.66 | 0.00 |

CV Spur

Station: CV-6-W

Loc. : East Central Prop.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & B |
|-------|------|--------|----------|------|------|-------|----------|----------|----------|--------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 1.08 | 8.00 | 7.90 | 14.00 | 10000.00 | 25300.00 | 2.15e04 | 164.00 | 2.67 | 0.99 | 8.26 | 1.62e04 | 156.00 | NA |
| 06/11 | WE | Quart. | 1.40 | 8.00 | 7.80 | 9.00 | | 23100.00 | 2.25e04 | 126.00 | 1.41 | 1.04 | 7.75 | 1.53e04 | 151.00 | NA |
| 09/19 | WE | Quart. | 0.00 | 7.00 | 7.20 | 8.00 | 1500.00 | 1890.00 | 1512.00 | 218.00 | 1.77 | 0.17 | 2.34 | 1039.00 | 43.00 | NA |
| 12/04 | WE | Quart. | 3.50 | 7.50 | 7.50 | 6.00 | 2500.00 | 2500.00 | 2022.00 | 98.00 | 3.33 | 0.15 | 1.33 | 1383.00 | 46.00 | NA |
| | | Mean | 1.49 | 7.62 | 7.60 | 9.25 | 4666.66 | 13197.50 | 11883.50 | 151.50 | 2.29 | 0.58 | 4.92 | 8480.50 | 99.00 | 0.00 |

CV Spur

Station: CV-7-W

Loc. : West Central Prop.

Year : 1985

[illegible]

CV Spur

Station: CV-9-W

Loc. : SE Corner Prop.

Year : 1985

GW = Ground

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|-------|---------|---------|---------|------|-------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 13.50 | 8.00 | 8.20 | 11.00 | 1800.00 | 1790.00 | 1270.00 | NT | 14.40 | 0.24 | 1.68 | 428.00 | 26.00 | NA |
| 06/11 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 09/19 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 12/04 | WE | Quart. | Dry | | | | | | | | | | | | | |
| Mean | : | | 13.50 | 8.00 | 8.20 | 11.00 | 1800.00 | 1790.00 | 1270.00 | 0.00 | 14.40 | 0.24 | 1.68 | 428.00 | 26.00 | 0.00 |

CV Spur

Station: CV-10-W

Loc. : SE Adj. Prop.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|--------|----------|---------|--------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 06/11 | WE | Quart. | 2.33 | 8.00 | 7.90 | 9.00 | | 25100.00 | 1.90e04 | 358.00 | 3.77 | 0.31 | 0.55 | 1.46e04 | 211.00 | NA |
| 09/19 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 12/04 | WE | Quart. | Dry | | | | | | | | | | | | | |
| Mean | : | | 2.33 | 8.00 | 7.90 | 9.00 | 0.00 | 25100.00 | 1.90e04 | 358.00 | 3.77 | 0.31 | 0.55 | 1.46e04 | 211.00 | 0.00 |

CV Spur

Station: CV-11-W

Loc. : NE Adj.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|----------|----------|---------|--------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 4.50 | 8.00 | 7.90 | 8.00 | 10000.00 | 38400.00 | 4.09e04 | 90.00 | 1.04 | 0.30 | 0.19 | 3.06e04 | 358.00 | NA |
| 06/11 | WE | Quart. | 0.50 | 8.00 | 8.00 | 9.00 | | 35800.00 | 4.13e04 | 90.00 | 0.81 | 0.21 | 0.52 | 2.90e04 | 346.00 | NA |
| 09/19 | WE | Quart. | 6.00 | 8.00 | 8.30 | 7.00 | 10000.00 | 32900.00 | 4.77e04 | 174.00 | 2.08 | 0.16 | 0.98 | 2.94e04 | 347.00 | NA |
| 12/04 | WE | Quart. | 6.00 | 8.00 | 8.00 | 4.00 | 10000.00 | 34800.00 | 4.31e04 | 64.00 | 1.50 | 0.20 | 0.18 | 3.10e04 | 254.00 | NA |
| Mean | : | | 4.25 | 8.00 | 8.05 | 7.00 | 10000.00 | 35475.00 | 4.32e04 | 104.50 | 1.35 | 0.21 | 0.46 | 3.00e04 | 326.25 | 0.00 |

CV Spur

Station: CV-12-W

Loc. : North Adj.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|-------|------|--------|----------|------|------|------|---------|---------|---------|--------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | 8.00 | 7.50 | 7.50 | 7.00 | 4050.00 | 4440.00 | 3910.00 | 86.00 | 1.68 | 2.30 | 0.30 | 2430.00 | 32.00 | NA |
| 06/11 | WE | Quart. | 1.00 | 8.00 | 7.60 | 9.00 | 4680.00 | 4060.00 | 3950.00 | 332.00 | 1.06 | 2.26 | 1.53 | 2440.00 | 31.00 | NA |
| 09/19 | WE | Quart. | 9.00 | 7.10 | 7.40 | 6.00 | 3000.00 | 3460.00 | 3356.00 | 347.00 | 1.45 | 1.25 | 0.01 | 2072.00 | 52.00 | NA |
| 12/04 | WE | Quart. | 2.00 | 7.50 | 7.30 | 6.00 | 3500.00 | 3630.00 | 3630.00 | 218.00 | 3.03 | 1.26 | 0.31 | 2278.00 | 35.00 | NA |
| Mean | : | | 5.00 | 7.52 | 7.45 | 7.00 | 3807.50 | 3897.50 | 3711.50 | 245.75 | 1.80 | 1.76 | 0.53 | 2305.00 | 37.50 | 0.00 |

CV Spur

Station: CV-13-W

Loc. : NW Adj.

Year : 1985

| Date | Type | Freq. | Dpth (') | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|--------|------|--------|----------|------|------|------|--------|--------|------|------|------|-------|-------|---------|----------|-------|
| 03/09 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 06/11 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 09/19 | WE | Quart. | Dry | | | | | | | | | | | | | |
| 12/04 | WE | Quart. | Dry | | | | | | | | | | | | | |
| Mean : | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

CV Spur

Station: CV-14-W

Loc. : NE Prop

Year : 1985

| Date | Type | Freq. | Flow | PH-F | PH-L | Temp | S.C.-F | S.C.-L | TDS | TSS | Iron | Mang. | Nitr. | Sulfate | Chloride | O & G |
|--------|------|--------|------|------|------|------|---------|---------|---------|-------|------|-------|-------|---------|----------|-------|
| 03/09 | DH | Quart. | Dry | | | | | | | | | | | | | |
| 06/11 | DH | Quart. | Dry | | | | | | | | | | | | | |
| 09/19 | DH | Quart. | 8.40 | 8.00 | 8.20 | 8.00 | 5500.00 | 5870.00 | 5706.00 | 6.00 | 0.58 | 0.01 | 0.02 | 3923.00 | 64.00 | NA |
| 12/04 | DH | Quart. | 0.20 | 8.00 | 8.20 | 2.00 | 8500.00 | 8580.00 | 8114.00 | 58.00 | 1.25 | 0.02 | 0.69 | 5742.00 | 81.00 | NA |
| Mean : | | | 4.30 | 8.00 | 8.20 | 5.00 | 7000.00 | 7225.00 | 6910.00 | 32.00 | 0.91 | 0.01 | 0.35 | 4832.50 | 72.50 | 0.00 |

CV Spur

Station: CV-15-W

Loc. : Sed Pond

Year : 1985

Dry in 1985

POND INSPECTION REPORT

POND: #6

LOCATION: C.V. SPUR

| DATE | BY | WATER | | DISTANCE TO OVERFLOW | STRUCTURAL WEAKNESS | | | EROSION | | | OTHER HAZARDS | | | GENERAL REMARKS |
|----------|------|-------|---|----------------------------|---------------------|---|---------|---------|---|---------|---------------|---|---------------------|----------------------------|
| | | N | Y | | N | Y | REMARKS | N | Y | REMARKS | N | Y | REMARKS | |
| 12/4/84 | M.C. | X | | | X | | | X | | | X | | | Pond Clean/Dry |
| 1/8/85 | D.G. | X | | | X | | | X | | | X | | | " " " |
| 1/15/85 | M.C. | X | | | X | | | X | | | X | | | " " " 15.5 |
| 1/12/85 | R.G. | | X | 6'+ | X | | | X | | | | X | Snow in Inlet Ditch | Clean out Ditch |
| 2/20/85 | D.G. | | X | 6' | X | | | X | | | X | | | Ditch Cleaned - Pond D.R. |
| 3/7/85 | D.G. | | X | 6' | X | | | X | | | X | | | No INFLOW |
| 4/2/85 | R.G. | | X | 6' | X | | | X | | | X | | | No Inflow |
| 4/11/85 | R.G. | | X | 5 1/2' | X | | | X | | | X | | | 2-3 GPM Inflow |
| 4/22/85 | D.G. | | X | 5' | X | | | X | | | X | | | Minor Inflow |
| 4/15/85 | M.C. | | X | 5'+ | X | | | X | | | X | | | 1/4 Full - Upper Pond |
| 1/6/85 | D.G. | | X | 5'+ | X | | | X | | | X | | | Water in upper Cell on |
| 5/28/85 | M.C. | | X | 6' | X | | | X | | | X | | | 14" Water in Upper Cell on |
| 7/18/85 | R.G. | | X | 6' | X | | | X | | | X | | | 1' Water " " " |
| 8/19/85 | M.C. | X | | | X | | | X | | | X | | | Pond Dry |
| 9/29/85 | M.C. | | X | 6' (est.) | | | | X | | | X | | | May Need Cleaning; No |
| 10/15/85 | M.C. | X | | | X | | | X | | | X | | | None |
| 11/4/85 | M.C. | | X | 5' (est.) | X | | | X | | | X | | | Water in upper cell only |
| 12/2/85 | M.C. | | X | 5' (est.) | X | | | X | | | X | | | Water in upper 2 cells on |
| 1/15/86 | M.C. | X | | | X | | | X | | | X | | | Minor Sediment in Upper |



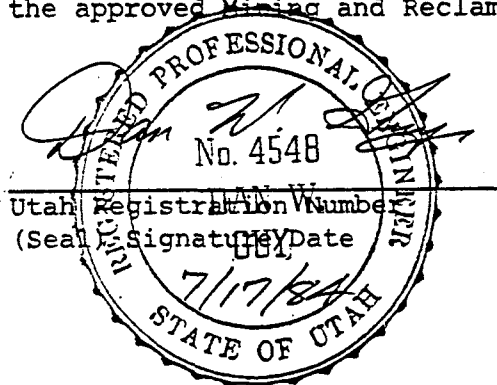
Date: July 17, 1984

Subject: Certification of Sediment Ponds

From/Location: D.W. Guy

To/Location: File

I, Dan W. Guy, a registered professional engineer State of Utah No. 4548, do hereby certify that the sediment control ponds at the Castle Valley Spur have been constructed in accordance with the plan and design criteria set forth in the approved Mining and Reclamation Plan.



C.V. SPUR

1985

PRECIPITATION DATA

BEAVER CREEK COAL COMPANY RAIN GAUGE CHART

LOCATION C.V. Spur

| DATE | GAUGE READING | TIME INTERVAL | MEASURED BY | REMARKS |
|---------|---------------|---------------|-------------|---------|
| 4-16-85 | 0 | 6:30 A.M. | Jim | |
| 4-17-85 | 0 | 9:30 P.M. | Jim | |
| 4-22-85 | .65 | 9:00 Am | Tony | 3 Days |
| 4-23-85 | .00 | 9:00 Am | Tony | |
| 4-24-85 | .00 | 9:00 Am | Tony | |
| 4-25-85 | .10 | 9:00 Am | Tony | |
| 4-29-85 | .26 | 9:00 Am | Tony | 3 Days |
| 4-30-85 | .00 | 9:00 Am | Tony | |
| 5-1-85 | .00 | 9:00 Am | Tony | |
| 5-2-85 | .00 | 9:00 Am | Tony | |
| 5-3-85 | 0.02 | 6:00 A.M. | Jim | 3-DAYS |
| 5-7-85 | 0.04 | 8:30 A.M. | Jim | |
| 5-8-85 | 0.00 | 7:21 A.M. | Jim | |
| 5-9-85 | 0.00 | 7:00 A.M. | Jim | |
| 5-13-85 | 0.40 | 7:00 A.M. | Jim | 3 DAYS |
| 5-14-85 | 0.00 | 6:00 A.M. | Jim | |
| 5-15-85 | 0.00 | 6:30 A.M. | Jim | |
| 5-16-85 | 0.00 | 6:45 A.M. | Jim | |
| 5-20-85 | 0.05 | 9:00 Am | Tony | 3 Days |
| 5-21-85 | 0.43 | 9:00 Am | Tony | |
| 5-22-85 | 0.10 | 9:00 Am | Tony | |
| 5-23-85 | 0.00- | 9:00 Am | Tony | |
| 5-24-85 | 0.01 | 9:00 Am | Tony | 4 Days |
| 5-29-85 | 0.00 | 9:00 Am | Tony | |
| 5-30-85 | 0.00 | 9:00 Am | Tony | |
| 6-3-85 | 0.20 | 6:00 A.M. | Jim | 3 Days |
| 6-4-85 | 0.00 | 6:30 A.M. | Jim | |

BEAVER CREEK COAL COMPANY

RAIN GAUGE CHART

LOCATION CV-SPUR

| DATE | GAUGE READING | TIME INTERVAL | MEASURED BY | REMARKS |
|---------|---------------|---------------|-------------|---------|
| 6-5-85 | 0.00 | 6:30 | Jim | |
| 6-6-85 | 0.00 | 6:30 | Jim | |
| 6-10-85 | 0.00 | 6:30 | Jim | |
| 6-11-85 | 0.00 | 6:30 | Jim | |
| 6-12-85 | 0.00 | 6:30 | Jim | |
| 6-13-85 | 0.00 | 6:30 | Jim | |
| 6-17-85 | 0.00 | 9:00 | Tony | |
| 6-18-85 | 0.00 | 9:00 | Tony | |
| 6-19-85 | 0.00 | 9:00 | Tony | |
| 6-20-85 | 0.00 | 9:00 | Tony | |
| 7-5-85 | 0.00 | 9:00 | Tony | |
| 7-9-85 | 0.00 | 9:00 | Tony | |
| 7-10-85 | 0.01 | 9:00 | Tony | |
| 7-11-85 | 0.00 | 9:00 | Tony | |
| 7-15-85 | 0.10 | 7:00 | Jim | 3 Days |
| 7-16-85 | 0.00 | 7:00 | Jim | |
| 7-17-85 | 0.00 | 7:00 | Mid | |
| 7-18-85 | 0.00 | 7:00 | Jim | |
| 7-22-85 | 0.45 | 6:45 | Jim | 3 Days |
| 7-23-85 | 0.10 | 8:30 | Jim | |
| 7-24-85 | 0.03 | 8:30 | Jim | |
| 7-25-85 | 0.00 | 8:30 | Jim | |
| 7-30-85 | 0.43 | 1:30 | Mid | 5 Days |
| 7-31-85 | 0.03 | 7:30 | Mid | |
| 8-1-85 | 0.00 | 7:10 | Mid | |
| 8-5-85 | 0.00 | 8:45 | Mid | 3 days |

BEAVER CREEK COAL COMPANY RAIN GAUGE CHART

LOCATION CV SPUR

| DATE | GAUGE READING | TIME INTERVAL | MEASURED BY | REMARKS |
|---------|---------------|---------------|-------------|---------|
| 8-6-85 | 0.00 | 7:30 | Mail | |
| 8-7-85 | 0.00 | 8:00 | Mail | |
| 8-8-85 | 0.00 | 7:20 | Mail | |
| 8-12-85 | 0.00 | 6:30 | Jim | |
| 8-13-85 | 0.00 | 6:30 | Jim | |
| 8-14-85 | 0.00 | 7:00 | Jim | |
| 8-15-85 | 0.00 | 6:30 | Jim | |
| 8-19-85 | 0.01 | 7:30 | Jim | 3 Days |
| 8-27-85 | 0.00 | 9:00 AM | Tony | |
| 8-28-85 | 0.00 | 7:30 | Jim | |
| 8-28-85 | 0.00 | 7:30 | Jim | |
| 8-28-85 | 0.00 | 9:00 AM | Tony | |
| 8-29-85 | 0.00 | 9:00 AM | Tony | |
| 9-3-85 | 0.01 | 9:00 AM | Tony | 4 Days |
| 9-4-85 | 0.01 | 9:00 AM | Tony | |
| 9-5-85 | 0.00 | 9:06 AM | Tony | |
| 9-6-85 | 1.00 | 9:00 AM | Tony | |
| 9-9-85 | 0.18 | 7:00 AM | Jim | 2 Days |
| 9-10-85 | 0.00 | 7:00 AM | Jim | |
| 9-11-85 | 0.20 | 8:00 AM | Jim | |
| 9-12-85 | 0.48 | 8:00 AM | Jim | |
| 9-13-85 | 0.24 | 7:00 AM | Jim | 3 Days |
| 9-17-85 | 0.00 | 7:00 AM | Jim | |
| 9-18-85 | 0.00 | 8:00 AM | Jim | |
| 9-19-85 | 0.50 | 7:30 AM | Jim | |
| 9-23-85 | 0.00 | 8:00 AM | Tony | 3 Days |

**BEAVER CREEK COAL COMPANY
RAIN GAUGE CHART**

LOCATION C.V. SPUR

| DATE | GAUGE READING | TIME INTERVAL | MEASURED BY | REMARKS |
|----------|---------------|---------------|-------------|---------|
| 7-24-85 | 0.00 | 9:00 AM | Tony | |
| 7-25-85 | 0.00 | 9:00 AM | Tony | |
| 7-26-85 | 1.00 | 9:00 AM | Tony | |
| 7-27-85 | 1.00 | 9:00 AM | Tony | |
| 7-28-85 | 1.00 | 9:00 AM | Tony | |
| 7-29-85 | 1.00 | 9:00 AM | Tony | |
| 7-30-85 | 1.00 | 9:00 AM | Tony | |
| 7-31-85 | 1.00 | 9:00 AM | Tony | |
| 8-1-85 | 1.00 | 9:00 AM | Tony | |
| 8-2-85 | 1.00 | 9:00 AM | Tony | |
| 8-3-85 | 1.00 | 9:00 AM | Tony | |
| 8-4-85 | 1.00 | 9:00 AM | Tony | |
| 8-5-85 | 0.07 | 7:30 A.M. | Jim | 3 DAYS |
| 8-6-85 | 0.01 | 7:30 A.M. | Jim | |
| 8-7-85 | 0.32 | 8:00 A.M. | Jim | |
| 8-8-85 | 0.01 | 8:00 A.M. | Jim | |
| 8-9-85 | 0.01 | 5:25 P.M. | Jim | 3 Days |
| 8-10-85 | 0.00 | 5:00 P.M. | Jim | |
| 8-11-85 | 1.00 | 9:00 AM | Tony | |
| 8-12-85 | 1.00 | 9:00 AM | Tony | |
| 8-13-85 | 1.00 | 9:00 AM | Tony | |
| 8-14-85 | 1.00 | 9:00 AM | Tony | |
| 8-15-85 | 1.00 | 9:00 AM | Tony | |
| 8-16-85 | 1.00 | 9:00 AM | Tony | |
| 8-17-85 | 1.00 | 9:00 AM | Tony | |
| 8-18-85 | 1.00 | 9:00 AM | Tony | |
| 8-19-85 | 1.00 | 9:00 AM | Tony | |
| 8-20-85 | 1.00 | 9:00 AM | Tony | |
| 8-21-85 | 1.00 | 9:00 AM | Tony | |
| 8-22-85 | 1.00 | 9:00 AM | Tony | |
| 8-23-85 | 1.00 | 9:00 AM | Tony | |
| 8-24-85 | 1.00 | 9:00 AM | Tony | |
| 8-25-85 | 1.00 | 9:00 AM | Tony | |
| 8-26-85 | 1.00 | 9:00 AM | Tony | |
| 8-27-85 | 1.00 | 9:00 AM | Tony | |
| 8-28-85 | 1.00 | 9:00 AM | Tony | |
| 8-29-85 | 1.00 | 9:00 AM | Tony | |
| 8-30-85 | 1.00 | 9:00 AM | Tony | |
| 8-31-85 | 1.00 | 9:00 AM | Tony | |
| 8-32-85 | 0.00 | 9:00 AM | Jim | |
| 8-33-85 | 0.00 | 9:00 AM | Jim | |
| 8-34-85 | 0.00 | 9:00 AM | Jim | |
| 8-35-85 | 0.00 | 9:00 AM | Jim | |
| 8-36-85 | 0.00 | 9:00 AM | Jim | |
| 8-37-85 | 0.00 | 9:00 AM | Jim | |
| 8-38-85 | 0.00 | 9:00 AM | Jim | |
| 8-39-85 | 0.00 | 9:00 AM | Jim | |
| 8-40-85 | 0.00 | 9:00 AM | Jim | |
| 8-41-85 | 0.00 | 9:00 AM | Jim | |
| 8-42-85 | 0.00 | 9:00 AM | Jim | |
| 8-43-85 | 0.00 | 9:00 AM | Jim | |
| 8-44-85 | 0.00 | 9:00 AM | Jim | |
| 8-45-85 | 0.00 | 9:00 AM | Jim | |
| 8-46-85 | 0.00 | 9:00 AM | Jim | |
| 8-47-85 | 0.00 | 9:00 AM | Jim | |
| 8-48-85 | 0.00 | 9:00 AM | Jim | |
| 8-49-85 | 0.00 | 9:00 AM | Jim | |
| 8-50-85 | 0.00 | 9:00 AM | Jim | |
| 8-51-85 | 0.00 | 9:00 AM | Jim | |
| 8-52-85 | 0.00 | 9:00 AM | Jim | |
| 8-53-85 | 0.00 | 9:00 AM | Jim | |
| 8-54-85 | 0.00 | 9:00 AM | Jim | |
| 8-55-85 | 0.00 | 9:00 AM | Jim | |
| 8-56-85 | 0.00 | 9:00 AM | Jim | |
| 8-57-85 | 0.00 | 9:00 AM | Jim | |
| 8-58-85 | 0.00 | 9:00 AM | Jim | |
| 8-59-85 | 0.00 | 9:00 AM | Jim | |
| 8-60-85 | 0.00 | 9:00 AM | Jim | |
| 8-61-85 | 0.00 | 9:00 AM | Jim | |
| 8-62-85 | 0.00 | 9:00 AM | Jim | |
| 8-63-85 | 0.00 | 9:00 AM | Jim | |
| 8-64-85 | 0.00 | 9:00 AM | Jim | |
| 8-65-85 | 0.00 | 9:00 AM | Jim | |
| 8-66-85 | 0.00 | 9:00 AM | Jim | |
| 8-67-85 | 0.00 | 9:00 AM | Jim | |
| 8-68-85 | 0.00 | 9:00 AM | Jim | |
| 8-69-85 | 0.00 | 9:00 AM | Jim | |
| 8-70-85 | 0.00 | 9:00 AM | Jim | |
| 8-71-85 | 0.00 | 9:00 AM | Jim | |
| 8-72-85 | 0.00 | 9:00 AM | Jim | |
| 8-73-85 | 0.00 | 9:00 AM | Jim | |
| 8-74-85 | 0.00 | 9:00 AM | Jim | |
| 8-75-85 | 0.00 | 9:00 AM | Jim | |
| 8-76-85 | 0.00 | 9:00 AM | Jim | |
| 8-77-85 | 0.00 | 9:00 AM | Jim | |
| 8-78-85 | 0.00 | 9:00 AM | Jim | |
| 8-79-85 | 0.00 | 9:00 AM | Jim | |
| 8-80-85 | 0.00 | 9:00 AM | Jim | |
| 8-81-85 | 0.00 | 9:00 AM | Jim | |
| 8-82-85 | 0.00 | 9:00 AM | Jim | |
| 8-83-85 | 0.00 | 9:00 AM | Jim | |
| 8-84-85 | 0.00 | 9:00 AM | Jim | |
| 8-85-85 | 0.00 | 9:00 AM | Jim | |
| 8-86-85 | 0.00 | 9:00 AM | Jim | |
| 8-87-85 | 0.00 | 9:00 AM | Jim | |
| 8-88-85 | 0.00 | 9:00 AM | Jim | |
| 8-89-85 | 0.00 | 9:00 AM | Jim | |
| 8-90-85 | 0.00 | 9:00 AM | Jim | |
| 8-91-85 | 0.00 | 9:00 AM | Jim | |
| 8-92-85 | 0.00 | 9:00 AM | Jim | |
| 8-93-85 | 0.00 | 9:00 AM | Jim | |
| 8-94-85 | 0.00 | 9:00 AM | Jim | |
| 8-95-85 | 0.00 | 9:00 AM | Jim | |
| 8-96-85 | 0.00 | 9:00 AM | Jim | |
| 8-97-85 | 0.00 | 9:00 AM | Jim | |
| 8-98-85 | 0.00 | 9:00 AM | Jim | |
| 8-99-85 | 0.00 | 9:00 AM | Jim | |
| 8-100-85 | 0.00 | 9:00 AM | Jim | |

LOCATION C.V. Spur

[illegible]

C.V. SPUR

1985

PERMIT STIPULATION STATUS



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 31, 1984

Mr. Dan W. Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

RE: Stipulation Responses, C. V. Spur Preparation Plant,
ACT/007/022, #2 and #4, Carbon County, Utah

This letter is to apprise you that the responses to the C. V. Spur Preparation Plant Stipulations 817.46-(1-2)-JW and 817.48-(1)-JW forwarded by Beaver Creek Coal Company to the Division on September 5, 1984 have been reviewed by the Division staff and are complete and adequate.

Thank you for your cooperation in this matter.

Sincerely,

Mary M. Boucek

Mary M. Boucek
Permit Supervisor/
Reclamation Biologist

JW/btb

cc: Allen Klein
Robert Hagen
John Whitehead
Ken Wyatt

92940-20

STIPULATIONS DOCUMENT

Beaver Creek Coal Company
C. V. Spur Preparation Plant
ACT/007/022, Carbon County, Utah

July 13, 1984

Stipulations 817.46-(1-2)-JW

1. The applicant must commit in writing, within 30 days of permit approval, to re-establishing the 10-year, 24-hour storm runoff detention volumes in all sediment ponds within 30 days after a storm event or when plant water overflows occupy any of the volume needed to contain the 10-year, 24-hour storm event.
2. The applicant must submit, within 30 days of permit approval, either: (1) revised drawings and calculations demonstrating that pond #6 can contain the 10-year, 24-hour storm runoff volume and one year of sediment volume; or (2) complete plans including cross-sections and supporting calculations to increase the size of pond #6 to contain the 10-year, 24-hour storm runoff volume and one year of sediment volume.

Stipulations 817.48-(1)-JW

1. The applicant shall submit once each year, by January 1, to the regulatory authority a chemical analysis of each individual coal seam that will be or is being processed in the cleaning plant. The analysis shall depict pH, percent sulphur, and neutralization potential as tons of (Ca, Co_3) equivalent per 1,000 tons of material.

In addition, on an annual basis, by January 1, the applicant will submit analysis of refuse material from a representative sampling of the refuse disposal area depicting the previously mentioned constituents.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

cc: [unclear]
3H [unclear]

Scott M. Matheson, Gov.
Temple A. Reynolds, Executive Dir.
Dianne R. Nielson, Ph.D., Division Dir.

41 State Office Building • Salt Lake City, UT 84114 • 801-533-5771



August 6, 1984

Mr. J. A. Herickhoff
General Manager
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Herickhoff:

RE: State Permit Approval, C. V. Spur Preparation Plant,
ACT/007/022, #2, #4 and #6, Carbon County, Utah

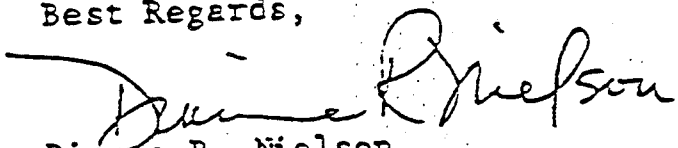
The Division has received Beaver Creek Coal Company's written acceptance of Stipulations regarding the Division's Final Technical Analysis and Decision Document for Beaver Creek Coal Company's C. V. Spur Preparation Plant, thereby indicating that Beaver Creek Coal Company will comply with all conditions and time frames set forth in the permit. A signed and executed bond in the amount of \$2,017,669.00 and payable to the State of Utah has also been received.

Therefore, the State of Utah hereby issues Final Permit Approval for the C. V. Spur Preparation Plant at this time. Consider this letter to be the Permanent Coal Regulatory Program Permit for the above-referenced operation. This permit is issued in conjunction with the additional permit conditions required by the Utah Coal Mining and Reclamation Permanent Program, Chapter 1 (UCA, 40-10-1 et seq.), Section UMC 786.29 (appended to this letter). Please assure that all conditions with time deadlines for completion are fulfilled utilizing this date, August 6, 1984, as the permit approval date.

Page Two
Mr. J. A. Herickhoff
August 6, 1984

The Division greatly appreciates the cooperation and enthusiasm your staff has shown in working with us during the permitting process, and we look forward to dealing with your company in the future.

Best Regards,


Dianne R. Nielson
Director

DRN/MMB:btb

cc: Allen Klein, OSM, Denver
Robert Hagen, OSM, Albuquerque
Ron Daniels, DOGM
Jim Smith, DOGM
Mary Boucek, DOGM
Joe Helfrich, DOGM
John Whitehead, DOGM
88130-41 & 42

NOTICE OF DECISION

To Whom It May Concern:

Pursuant to the Utah Coal Mining and Reclamation Act (Utah Code Annotated 1953, Section 40-10-1 et seq.), and the "Regulations Pertaining to Surface Effects of Underground Coal Mining Activities" (Final Rules of the Utah Board of Oil, Gas and Mining), the Utah Division of Oil, Gas and Mining has issued a permit to process coal to Beaver Creek Coal Company for its permit application No. ACT/007/022. The Company will process coal in accordance with the approved Mining and Reclamation Plan for the C. V. Spur Preparation Plant which is a coal loadout and preparation facility located on the following lands:

Township 15 South, Range 10 East, SLBM

Section 11: W1/2 SW1/2, NE1/4 SW1/4, except East 100,
SE1/2 SW1/4, except East 100.

This permit was approved by the Utah Division of Oil, Gas and Mining on August 6, 1984. A copy of the permit, the decision document and Technical Analysis is on file at the following location:

Utah Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114
Telephone: (801) 533-5771

Anyone having comments pertaining to the C. V. Spur Preparation Plant should contact Dr. Dianne R. Nielson, Director, Utah Division of Oil, Gas and Mining.

01000-1

NO. ACT/007/022

Notice was sent to the following:

Newspapers: Newspaper Agency Corporation
Sun Advocate

Mr. Dan Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Betty J. Barila
September 7, 1984

01000-4

Beaver Creek Coal Company
P.O. Box 10
Price, Utah 84301
Telephone 801 637-5050



July 26, 1984

Dr. Dianne R. Nielson
Director
Utah Division of Oil, Gas & Mining
4241 State Office Building.
Salt Lake City, Utah 84114

RECEIVED

JUL 30 1984

DIVISION OF OIL
GAS & MINING

Re: Final Approval C.V. Spur Preparation
Plant ACT/007/022, Folder No. 7
Carbon County, Utah

Dear Dr. Nielson,

This letter will serve as written acceptance of the Stipulations contained within the Division's Final Technical Analysis and Decision Document for Beaver Creek Coal Company's C.V. Spur Preparation Plant.

The bond is in the process of being posted, and will be forwarded to you as soon as possible.

I appreciate the Division's diligence and cooperation in this review, and look forward to receiving the final letter of approval on this facility.

Sincerely,

J.A. Herickhoff
General Manager

JAH/pjm

cc: C.W. McGlothlin
B.H. Biersdorf
D.W. Guy ✓
File 4-P-4-1

C.V. SPUR

1985

REFUSE PILE

INSPECTIONS / ANALYSES

REFUSE PILE INSPECTION REPORT

MSHA SITE #1211-UT-9-0034

C.V. SPUR

QUARTER 4/85

| <u>ITEM</u> | <u>REMARKS</u> |
|---|--|
| (1) Potential Safety Hazards | <u>NONE</u> |
| (2) Slope Stability | <u>O.K.</u> |
| (3) Removal of Topsoil and Organics | <u>N/A</u> |
| (4) Construction and Maintenance Performance Standards | <u>O.K. - New Sub-standard area</u> <u>needs minor compaction work after</u> <u>Drying. (Discussed with foreman)</u> |
| (5) Recommendations | <u>Continue build-up of sub-standard area.</u> <u>Watch compaction carefully. Knock down</u> <u>small piles at top of main pile.</u> |

I have performed the above inspection on this refuse pile and
do hereby certify it to be a true and accurate representation
of the pile at this time.


Registered Professional Engineer

12/19/85
Date

REFUSE PILE INSPECTION REPORT

MSHA SITE #1211-UT-9-0034

C.V. SPUR

QUARTER 3/85

| <u>ITEM</u> | <u>REMARKS</u> |
|---|---|
| (1) Potential Safety Hazards | <u>NONE</u> |
| (2) Slope Stability | <u>O.K.</u> |
| (3) Removal of Topsoil and Organics | <u>N/A</u> |
| (4) Construction and Maintenance Performance Standards | <u>O.K. - Minor GOB AREAS to be Compacted After Drying.</u> |
| (5) Recommendations | <u>Low area north of pile not draining properly. Apply for approval to build up area with refuse.</u> |

I have performed the above inspection on this refuse pile and
do hereby certify it to be a true and accurate representation
of the pile at this time.

Dan W. Long
Registered Professional Engineer

9/26/85
Date

REFUSE PILE INSPECTION REPORT

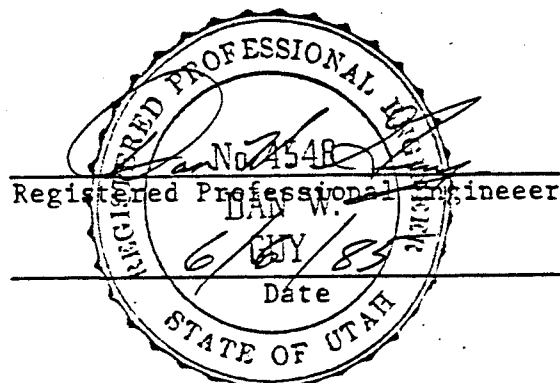
MSHA SITE #1211-UT-9-0034

C.V. SPUR

QUARTER 2/85

| <u>ITEM</u> | <u>REMARKS</u> |
|---|---|
| (1) Potential Safety Hazards | <u>None</u> |
| (2) Slope Stability | <u>O.K.</u> |
| (3) Removal of Topsoil and Organics | <u>N/A</u> |
| (4) Construction and Maintenance Performance Standards | <u>O.K. - Pile Compacted.</u> <u>Fair amount of thistle growth</u> <u>on pile slopes.</u> |
| (5) Recommendations | <u>None</u> |

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.



REFUSE PILE INSPECTION REPORT

MSHA SITE #1211-UT-9-0034

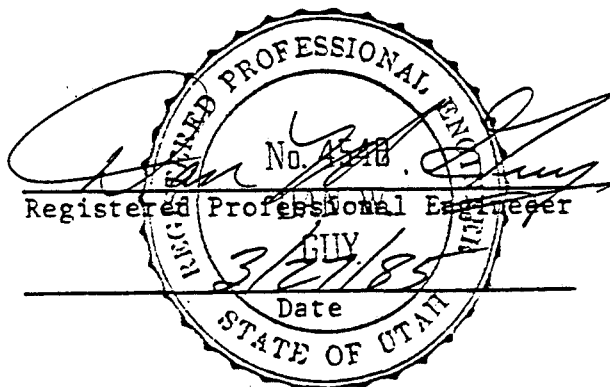
C.V. SPUR

QUARTER

1/85

| <u>ITEM</u> | <u>REMARKS</u> |
|---|--|
| (1) Potential Safety Hazards | <u>None</u> |
| (2) Slope Stability | <u>O.K.</u> |
| (3) Removal of Topsoil and Organics | <u>N/A</u> |
| (4) Construction and Maintenance Performance Standards | <u>O.K. - Pile Smoothed & Compacted.</u> |
| (5) Recommendations | <u>None</u> |

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.



1985

REFUSE PILE ANALYSIS

NOTE:

Due to a sample mix-up in late-1985, a Short Proximate Analysis only was run on this sample. New samples have been taken and required results will be forwarded to Division of Oil, Gas & Mining by May 1, 1986, to be included in this Section.

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300



PLEASE ADDRESS ALL CORRESPONDENCE TO:
224 SO. CARBON AVE., PRICE UT 84501
OFFICE TEL. (801) 637-7540

BEAVER CREEK COAL CO.
P O Box 1378
Price, Utah 84501

December 18 1985

Sample identification
by Beaver Creek Coal Co.

#7 Mine Sub Standard
Head Sample

Kind of sample reported to us Coal
Sample taken at C V Spur
Sample taken by Beaver Creek Coal Co.
Date sampled 12-10-85
Date received 12-10-85

Analysis report no. 57-20319

60 DAYS

SHORT PROXIMATE ANALYSIS

As Received Dry Basis

| | | |
|------------|-------|-------|
| % Moisture | 11.75 | xxxxx |
| % Ash | 35.81 | 40.58 |
| Btu/lb | 7340 | 8317 |
| % Sulfur | 0.45 | 0.51 |

% Air Dry Loss = 9.98
Moisture, Ash-free Btu = 13997
Pounds of SO₂ per 10⁶ Btu = 1.23
Moist, Mineral matter free Btu * = 11981
(Based on as rec'd moisture)*
Pounds of Sulfur per 10⁶ Btu = 0.61
% Residual moisture = 1.97

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Jeff Garvik

Manager, Price Laboratory Jeff Garvik



Charter Member

Original Copy Watermarked
For Your Protection

JG/sm

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS,
TIDEWATER AND GREAT LAKES PORTS AND RIVER LOADING FACILITIES.

COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300



PLEASE ADDRESS ALL CORRESPONDENCE TO:
224 SO. CARBON AVE., PRICE UT 84501
OFFICE TEL. (801) 637-7540

December 17, 1985

BEAVER CREEK COAL COMPANY
P O Box 1378
Price, Utah 84501

Sample identification
by Beaver Creek Coal Co.

#7 Mine Sub Standard

Kind of sample
reported to us Coal

Sample taken at C V Spur

Sample taken by Beaver Creek Coal Co.

Date sampled 12-10-85

Date received 12-10-85

Analysis report no. 57-20319

SCREEN ANALYSIS

| | <u>PERCENT</u> | <u>ACCUMULATIVE PERCENT</u> |
|--|----------------|---------------------------------|
| RETAINED ON +6" SQUARE, PASSING - - - | 0.7 | 0.7 |
| RETAINED ON 4" SQUARE, PASSING +6" SQUARE | 2.1 | 2.8 |
| RETAINED ON 2" SQUARE, PASSING 4" SQUARE | 6.8 | 9.6 |
| RETAINED ON 1 1/2" SQUARE, PASSING 2" SQUARE | 3.5 | 13.1 |
| RETAINED ON 1" SQUARE, PASSING 1 1/2" SQUARE | 7.4 | 20.5 |
| RETAINED ON 3/4" SQUARE, PASSING 1" SQUARE | 6.7 | 27.2 |
| RETAINED ON 1/2" SQUARE, PASSING 3/4" SQUARE | 10.4 | 37.6 |
| RETAINED ON 1/4" SQUARE, PASSING 1/2" SQUARE | 21.2 | 58.8 |
| RETAINED ON 8 MESH, PASSING 1/4" SQUARE | 17.9 | 76.7 |
| RETAINED ON - - -. PASSING 8 MESH | 23.3 | 100.0 |

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Jeff Garvik

Manager, Price Laboratory Jeff Garvik



Charter Member

Original Copy Watermarked JG/SM
For Your Protection

OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS,
TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

BEAVER CREEK Coal Company

Post Office Box 1378

Price, Utah 84501

Telephone 801 637-5050

Mine File

S. K. Krumpholtz

John



RECEIVED
APR 18 1986

April 16, 1986

**DIVISION OF
OIL, GAS & MINING**

Mr. Lowell Braxton
Administrator
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Annual Report Supplement
C.V. Spur Loadout Facility
ACT/007/022
Carbon County, Utah

Dear Mr. Braxton:

Enclosed are the results of the required analyses on the refuse pile and No. 7 Mine coal. These sheets should be placed in Section F of the recently submitted Annual Report for C.V. Spur.

Respectfully,

Dan. W. Guy
Manager Permitting/Compliance

DWG/rs

cc: J. Marshall
File 4-P-4-1-1



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
224 SO. CARBON AVE., PRICE, UT 84501
TELEPHONE: (801) 637-7540

BEAVER CREEK COAL CO.
P O Box 1378
Price, Utah 84501

April 14, 1986

Sample identification
by

Beaver Creek Coal Co.

Substandard Sample #1

Kind of sample
reported to us

Substandard Coal

Sample taken at

xxxx

Sample taken by

Beaver Creek Coal Co.

Date sampled

4-2-86

Date received

4-2-86

Analysis report no. 57-21113

SHORT PROXIMATE ANALYSIS

As Received Dry Basis

| | | |
|------------|-------|-------|
| % Moisture | 10.85 | xxxxx |
| % Ash | 30.44 | 34.15 |
| Btu/lb | 8314 | 9326 |
| % Sulfur | 0.53 | 0.59 |

% Air Dry Loss = 8.00

Moisture, Ash-free Btu = 14162

Pounds of SO₂ per 10⁶ Btu = 1.26

Moist, Mineral matter free Btu * = 12400

(Based on as rec'd moisture)*

Pounds of Sulfur per 10⁶ Btu = 0.63

% Residual moisture = 3.10

Parameter

pH, s.u.

8.2

Neutralization Potential,

15.83

tons CaCO₃/1000 tons material

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Walter J. Harvey
Manager, Price Laboratory



Charter Member



COMMERCIAL TESTING & ENGINEERING CO.

GENERAL OFFICES: 1919 SOUTH HIGHLAND AVE., SUITE 210-B, LOMBARD, ILLINOIS 60148 • (312) 953-9300

Member of the SGS Group (Société Générale de Surveillance)

PLEASE ADDRESS ALL CORRESPONDENCE TO:
224 SO. CARBON AVE., PRICE, UT 84501
TELEPHONE: (801) 637-7540

April 14, 1986

BEAVER CREEK COAL CO.
P O Box 1378
Price, Utah 84501

Sample identification
by Beaver Creek Coal Co.

Coal Sample #2

Kind of sample
reported to us Coal

Sample taken at ~~xxxx~~

Sample taken by Beaver Creek Coal Co.

Date sampled 4-2-86

Date received 4-2-86

Analysis report no. 57-21112

SHORT PROXIMATE ANALYSIS

| | <u>As Received</u> | <u>Dry Basis</u> |
|------------|--------------------|------------------|
| % Moisture | 8.48 | xxxxx |
| % Ash | 10.94 | 11.95 |
| Btu/lb | 11726 | 12813 |
| % Sulfur | 0.54 | 0.59 |

% Air Dry Loss = 5.79
Moisture, Ash-free Btu = 14552
Pounds of SO₂ per 10⁶ Btu = 0.92
Moist, Mineral matter free Btu * = 13311
(Based on as rec'd moisture)*
Pounds of Sulfur per 10⁶ Btu = 0.46
% Residual moisture = 2.86

Parameter

pH, s.u. 7.6
Neutralization Potential, 11.12
tons CaCO₃/1000 tons material

Respectfully submitted,
COMMERCIAL TESTING & ENGINEERING CO.

Walter J. Harvey
Manager, Price Laboratory



Charter Member

Original Copy Watermarked WH/sm
For Your Protection

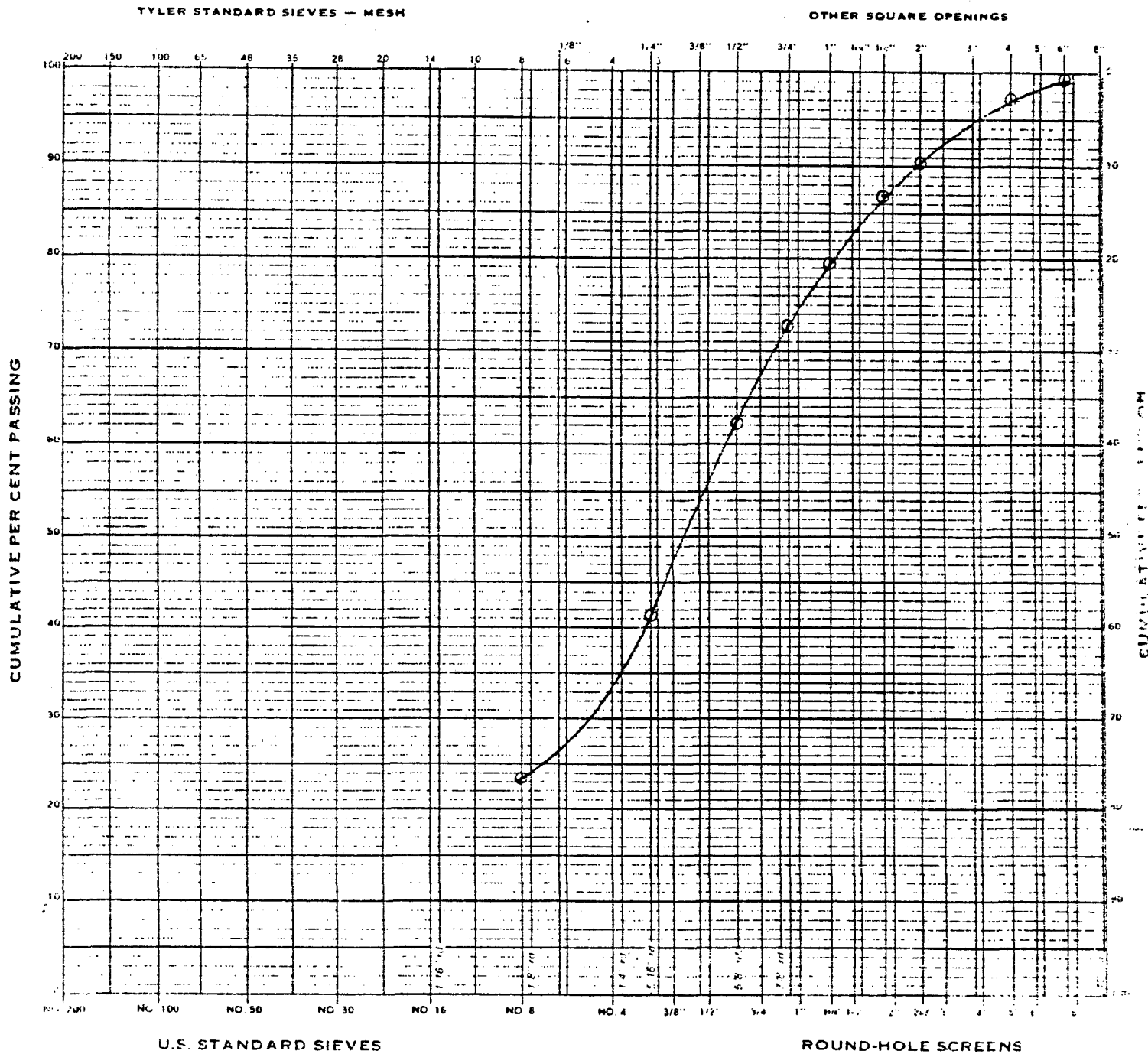
OVER 40 BRANCH LABORATORIES STRATEGICALLY LOCATED IN PRINCIPAL COAL MINING AREAS,
TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES

LAB NO. 57-20319

IDENTIFICATION Beaver Creek Coal Company
#7 Mine Sub Standard

TOTAL WEIGHT OF SAMPLE 1060 lbs.

SCREEN ANALYSIS CURVE



NOTE: SCREEN OPENINGS ON LOGARITHMIC SCALE WITH $\frac{1}{16}$ IN. HO. 1.25

COMMERCIAL TESTING & ENGINEERING CO.



NO. 7 MINE SUB STANDARD
LAB #20319-1 THRU 10

| <u>SIZE FRACTION</u> | <u>PERCENT OF TOTAL SAMPLE</u> | <u>PERCENT DRY ASH</u> | <u>PERCENT DRY SULFUR</u> | <u>DRY BTU</u> |
|----------------------|------------------------------------|----------------------------|-------------------------------|----------------|
| +6" Sq. | 0.7 | 4.81 | 0.46 | 14250 |
| 6" X 4" Sq. | 2.1 | 74.66 | 0.26 | 3088 |
| 4" X 2" Sq. | 6.8 | 57.66 | 0.48 | 5453 |
| 2" X 1 ½" Sq. | 3.5 | 54.24 | 0.45 | 6314 |
| 1 ½" X 1" Sq. | 7.4 | 47.73 | 0.44 | 7217 |
| 1" X ¾" Sq. | 6.7 | 43.66 | 0.45 | 7953 |
| ¾" X ½" Sq. | 10.4 | 37.98 | 0.49 | 8781 |
| ½" X ¼" Sq. | 21.2 | 34.70 | 0.56 | 9246 |
| ¼" X 8 mesh | 17.9 | 31.93 | 0.58 | 9716 |
| 8 mesh X 0 | 23.3 | 30.54 | 0.66 | 9935 |



1985

TYPICAL COAL ANALYSIS

NO. 7 MINE - CASTLE GATE "A" SEAM

C.V. SPUR

1985

MODIFICATIONS / AMENDMENTS

BEAVER CREEK COAL COMPANY

COAL QUALITY REPORT

NO. 7 MINE AUGER SAMPLES

JANUARY 1, 1985 TO DECEMBER 31, 1985

| DATE | DATE | MOI | ASH | BTU | SUL |
|-------------|----------|---------|---------|----------|--------|
| 85 JAN 01 | 85/01/01 | 8.58 | 12.05 | 11556. | .53 |
| 85 JAN 02 | 85/01/02 | 11.80 | 9.95 | 11310. | .50 |
| 85 JAN 03 | 85/01/03 | 11.38 | 12.73 | 10944. | .49 |
| 85 JAN 04 | 85/01/04 | 11.01 | 9.85 | 11428. | .48 |
| 85 JAN 07 | 85/01/07 | 10.19 | 9.77 | 11577. | .46 |
| 85 JAN 08 | 85/01/08 | 10.49 | 11.95 | 11248. | .58 |
| 85 JAN 09 | 85/01/09 | 9.63 | 11.94 | 11358. | .60 |
| 85 JAN 10 | 85/01/10 | 9.09 | 12.56 | 11280. | .64 |
| 85 JAN 14 | 85/01/14 | 9.54 | 13.91 | 11047. | .58 |
| 85 JAN 15 | 85/01/15 | 8.68 | 12.65 | 11410. | .70 |
| 85 JAN 16 | 85/01/16 | 8.47 | 13.75 | 11232. | .73 |
| 85 JAN 17 | 85/01/17 | 8.86 | 12.51 | 11355. | .68 |
| 85 JAN 21 | 85/01/21 | 10.21 | 11.24 | 11420. | .60 |
| 85 JAN 22 | 85/01/22 | 9.62 | 12.84 | 11190. | .80 |
| 85 JAN 24 | 85/01/24 | 8.52 | 13.63 | 11237. | .75 |
| 85 JAN 28 | 85/01/28 | 9.41 | 11.11 | 11535. | .72 |
| 85 JAN 31 | 85/01/31 | 8.82 | 12.01 | 11500. | .50 |
| 85 FEB 01 | 85/02/01 | 10.02 | 8.70 | 11798. | .49 |
| 85 FEB 05 | 85/02/05 | 9.13 | 10.12 | 11792. | .50 |
| 85 FEB 06 | 85/02/06 | 9.66 | 8.08 | 11951. | .48 |
| 85 FEB 07 | 85/02/07 | 9.43 | 9.07 | 11880. | .48 |
| 85 FEB 12 | 85/02/12 | 9.50 | 9.00 | 11883. | .47 |
| 85 FEB 14 | 85/02/14 | 9.05 | 11.73 | 11465. | .51 |
| 85 FEB 18 | 85/02/18 | 9.17 | 11.15 | 11554. | .61 |
| 85 FEB 19 | 85/02/19 | 9.97 | 10.72 | 11521. | .62 |
| 85 FEB 20 | 85/02/20 | 8.64 | 11.59 | 11512. | .54 |
| 85 FEB 25 | 85/02/25 | 8.94 | 10.88 | 11588. | .56 |
| 85 FEB 27 | 85/02/27 | 10.03 | 11.20 | 11451. | .47 |
| 85 FEB 28 | 85/02/28 | 9.06 | 7.71 | 12145. | .54 |
| 85 MAR 03 | 85/03/03 | 8.96 | 14.79 | 10960. | .48 |
| 85 MAR 04 | 85/03/04 | 8.86 | 8.97 | 11964. | .63 |
| 85 MAR 05 | 85/03/05 | 9.55 | 10.77 | 11577. | .52 |
| 85 MAR 06 | 85/03/06 | 8.85 | 10.34 | 11728. | .52 |
| 85 MAR 07 | 85/03/07 | 8.99 | 9.18 | 11881. | .57 |
| 85 MAR 11 | 85/03/11 | 10.33 | 7.25 | 12001. | .50 |
| 85 MAR 12 | 85/03/12 | 10.06 | 9.35 | 11718. | .47 |
| 85 MAR 13 | 85/03/13 | 10.19 | 10.65 | 11503. | .63 |
| 85 MAR 18 | 85/03/18 | 8.98 | 14.05 | 11102. | .53 |
| 85 MAR 19 | 85/03/19 | 10.49 | 9.58 | 11598. | .54 |
| 85 MAR 20 | 85/03/20 | 9.43 | 9.90 | 11743. | .58 |
| 85 MAR 21 | 85/03/21 | 9.39 | 9.24 | 11761. | .58 |
| 85 MAR 25 | 85/03/25 | 10.17 | 11.35 | 11347. | .51 |
| 85 MAR 27 | 85/03/27 | 11.51 | 9.28 | 11457. | .46 |
| 85 MAR 28 | 85/03/28 | 9.26 | 12.78 | 11256. | .53 |
| 85 APR 01 | 85/04/01 | 9.16 | 10.61 | 11611. | .54 |
| 85 APR 02 | 85/04/02 | 9.55 | 8.16 | 11958. | .52 |
| 85 APR 03 | 85/04/03 | 8.92 | 10.87 | 11547. | .61 |
| 85 APR 08 | 85/04/08 | 7.34 | 10.31 | 11986. | .51 |
| 85 APR 09 | 85/04/09 | 7.62 | 13.97 | 11333. | .71 |
| 85 APR 10 | 85/04/10 | 7.97 | 11.43 | 11649. | .62 |
| 85 APR 11 | 85/04/11 | 8.63 | 10.66 | 11642. | .69 |
| 85 APR 22 | 85/04/22 | 9.26 | 11.18 | 11542. | .52 |
| 85 APR 23 | 85/04/23 | 9.26 | 7.86 | 12044. | .61 |
| 85 APR 29 | 85/04/29 | 8.42 | 12.70 | 11366. | .65 |
| 85 APR 30 | 85/04/30 | 8.59 | 12.34 | 11404. | .56 |
| 85 MAY 01 | 85/05/01 | 8.57 | 10.13 | 11744. | .56 |
| 85 MAY 02 | 85/05/02 | 7.91 | 11.91 | 11603. | .55 |
| 85 MAY 09 | 85/05/09 | 9.64 | 10.00 | 11671. | .49 |
| 85 MAY 13 | 85/05/13 | 9.43 | 9.04 | 11791. | .53 |
| 85 MAY 14 | 85/05/14 | 9.90 | 10.27 | 11634. | .52 |
| 85 MAY 15 | 85/05/15 | 8.77 | 11.23 | 11535. | .53 |
| 85 MAY 16 | 85/05/16 | 8.82 | 11.39 | 11532. | .55 |
| 85 MAY 20 | 85/05/20 | 8.87 | 9.79 | 11721. | .52 |
| 85 MAY 21 | 85/05/21 | 10.03 | 8.86 | 11751. | .50 |
| 85 MAY 23 | 85/05/23 | 9.25 | 14.46 | 10893. | .57 |
| 85 MAY 28 | 85/05/28 | 8.20 | 14.19 | 11300. | .49 |
| 85 MAY 29 | 85/05/29 | 9.93 | 11.29 | 11413. | .47 |
| 85 MAY 30 | 85/05/30 | 8.75 | 11.83 | 11496. | .51 |
| 85 JUN 03 | 85/06/03 | 8.51 | 11.79 | 11505. | .53 |
| 85 JUN 06 | 85/06/06 | 8.66 | 12.20 | 11397. | .53 |
| 85 JUN 10 | 85/06/10 | 8.96 | 11.19 | 11642. | .50 |
| 85 JUN 11 | 85/06/11 | 8.05 | 14.27 | 11250. | .52 |
| 85 JUN 12 | 85/06/12 | 8.06 | 10.91 | 11859. | .56 |
| 85 JUN 13 | 85/06/12 | 8.95 | 16.42 | 10778. | .52 |
| 85 JUN 18 | 85/06/12 | 7.94 | 15.65 | 11023. | .56 |
| 85 JUN 19 | 85/06/12 | 8.05 | 13.60 | 11316. | .65 |
| 85 JUN 18 | 85/06/13 | 8.85 | 13.09 | 11216. | .54 |
| 85 JUN 19 | 85/06/18 | 8.50 | 14.03 | 11125. | .57 |
| 85 JUN 19 | 85/06/19 | 7.96 | 12.98 | 11245. | .54 |
| 85 JUN 20 | 85/06/19 | 8.26 | 15.10 | 10976. | .56 |
| 85 JUN 20 | 85/06/20 | 8.33 | 14.09 | 11119. | .60 |
| 85 JUL 02 | 85/07/02 | 8.27 | 14.36 | 11097. | .51 |
| 85 JUL 02 | 85/07/02 | 8.28 | 12.42 | 11392. | .58 |
| 85 JUL 02 | 85/07/02 | 8.48 | 15.70 | 11022. | .58 |
| 85 JUL 08 | 85/07/08 | 7.69 | 12.69 | 11387. | .53 |
| 85 JUL 09 | 85/07/08 | 8.09 | 12.91 | 11339. | .56 |
| 85 JUL 09 | 85/07/09 | 8.32 | 8.43 | 12031. | .54 |
| 85 JUL 10 | 85/07/10 | 8.78 | 7.00 | 12205. | .52 |
| 85 JUL 11 | 85/07/11 | 8.53 | 7.60 | 12064. | .50 |
| 85 JUL 15 | 85/07/15 | 9.56 | 6.85 | 12087. | .50 |
| 85 JUL 16 | 85/07/16 | 8.36 | 7.44 | 12175. | .53 |
| 85 JUL 17 | 85/07/17 | 9.13 | 7.70 | 11965. | .51 |
| 85 JUL 18 | 85/07/18 | 9.23 | 8.84 | 11730. | .51 |
| 85 JUL 22 | 85/07/22 | 10.43 | 8.11 | 11725. | .54 |
| 85 JUL 23 | 85/07/23 | 9.68 | 9.01 | 11676. | .53 |
| 85 JUL 24 | 85/07/24 | 9.80 | 8.13 | 11816. | .54 |
| 85 JUL 25 | 85/07/25 | 8.57 | 7.14 | 12123. | .46 |
| 85 JUL 29 | 85/07/29 | 11.06 | 6.69 | 11878. | .50 |
| 85 JUL 31 | 85/07/31 | 9.79 | 8.93 | 11776. | .50 |
| 85 AUG 01 | 85/08/01 | 9.14 | 7.36 | 12082. | .50 |
| 85 AUG 05 | 85/08/05 | 9.36 | 8.58 | 11882. | .51 |
| 85 AUG 08 | 85/08/08 | 8.72 | 10.09 | 11686. | .53 |
| 85 AUG 12 | 85/08/12 | 8.72 | 9.00 | 11885. | .53 |
| 85 AUG 14 | 85/08/14 | 8.86 | 8.02 | 11958. | .52 |
| 85 AUG 15 | 85/08/15 | 9.01 | 6.52 | 12289. | .50 |
| 85 AUG 19 | 85/08/19 | 8.56 | 11.50 | 11574. | .51 |
| 85 AUG 20 | 85/08/20 | 8.87 | 7.31 | 12163. | .51 |
| 85 AUG 22 | 85/08/22 | 9.03 | 6.59 | 12175. | .51 |
| 85 AUG 26 | 85/08/26 | 8.55 | 7.45 | 12185. | .51 |
| 85 AUG 27 | 85/08/27 | 8.08 | 7.06 | 12349. | .51 |
| 85 AUG 28 | 85/08/27 | 8.47 | 9.73 | 11809. | .49 |
| 85 AUG 28 | 85/08/28 | 8.87 | 9.03 | 11852. | .51 |
| 85 AUG 29 | 85/08/29 | 7.87 | 10.93 | 11657. | .53 |
| 85 SEP 03 | 85/09/03 | 7.37 | 9.45 | 11921. | .52 |
| 85 SEP 04 | 85/09/04 | 8.62 | 11.91 | 11453. | .51 |
| 85 SEP 05 | 85/09/05 | 8.74 | 13.41 | 11231. | .53 |
| 85 SEP 09 | 85/09/09 | 9.54 | 10.95 | 11549. | .50 |
| 85 SEP 10 | 85/09/10 | 9.81 | 12.49 | 11238. | .44 |
| 85 SEP 11 | 85/09/11 | 9.74 | 7.76 | 11966. | .46 |
| 85 SEP 16 | 85/09/16 | 9.57 | 9.94 | 11654. | .46 |
| 85 SEP 17 | 85/09/17 | 9.82 | 9.71 | 11680. | .45 |
| 85 SEP 18 | 85/09/18 | 10.06 | 9.48 | 11679. | .47 |
| 85 SEP 19 | 85/09/19 | 10.17 | 10.20 | 11497. | .48 |
| 85 SEP 23 | 85/09/23 | 9.62 | 9.41 | 11604. | .47 |
| 85 SEP 24 | 85/09/24 | 10.46 | 8.49 | 11838. | .50 |
| 85 SEP 25 | 85/09/25 | 9.07 | 11.23 | 11527. | .54 |
| 85 SEP 26 | 85/09/26 | 9.59 | 10.33 | 11579. | .50 |
| 85 SEP 30 | 85/09/30 | 8.01 | 12.54 | 11457. | .51 |
| 85 OCT 01 | 85/10/01 | 8.39 | 14.10 | 11123. | .54 |
| 85 OCT 02 | 85/10/02 | 9.18 | 7.20 | 12103. | .54 |
| 85 OCT 03 | 85/10/03 | 8.93 | 12.49 | 11274. | .54 |
| 85 OCT 07 | 85/10/07 | 9.01 | 11.15 | 11519. | .54 |
| 85 OCT 08 | 85/10/08 | 9.69 | 7.80 | 11955. | .51 |
| 85 OCT 09 | 85/10/09 | 10.59 | 9.41 | 11555. | .53 |
| 85 OCT 10 | 85/10/10 | 8.40 | 10.52 | 11712. | .53 |
| 85 OCT 14 | 85/10/14 | 9.70 | 9.34 | 11706. | .50 |
| 85 OCT 15 | 85/10/15 | 9.27 | 12.36 | 11316. | .55 |
| 85 OCT 16 | 85/10/16 | 9.25 | 9.57 | 11773. | .50 |
| 85 OCT 17 | 85/10/17 | 9.08 | 9.14 | 11861. | .51 |
| 85 OCT 23 | 85/10/23 | 9.86 | 9.30 | 11725. | .49 |
| 85 OCT 24 | 85/10/23 | 9.86 | 9.30 | 11725. | .49 |
| 85 OCT 24 | 85/10/24 | 9.77 | 8.55 | 11820. | .42 |
| 85 OCT 28 | 85/10/24 | 8.90 | 9.91 | 11799. | .51 |
| 85 OCT 28 | 85/10/28 | 9.58 | 8.26 | 11912. | .50 |
| 85 OCT 29 | 85/10/29 | 10.04 | 11.09 | 11396. | .51 |
| 85 OCT 31 | 85/10/31 | 9.14 | 7.39 | 12097. | .45 |
| 85 NOV 04 | 85/11/04 | 9.65 | 8.35 | 11907. | .51 |
| 85 NOV 05 | 85/11/05 | 10.55 | 7.46 | 11927. | .50 |
| 85 NOV 06 | 85/11/06 | 9.43 | 8.74 | 11896. | .51 |
| 85 NOV 07 | 85/11/07 | 8.55 | 9.52 | 11865. | .51 |
| 85 NOV 11 | 85/11/11 | 9.42 | 9.43 | 11784. | .51 |
| 85 NOV 12 | 85/11/12 | 11.54 | 8.50 | 11628. | .49 |
| 85 NOV 14 | 85/11/14 | 10.11 | 10.76 | 11518. | .48 |
| 85 NOV 18 | 85/11/18 | 10.76 | 9.84 | 11528. | .46 |
| 85 NOV 20 | 85/11/20 | 10.39 | 7.75 | 11958. | .47 |
| 85 NOV 25 | 85/11/20 | 10.39 | 7.75 | 11958. | .47 |
| 85 NOV 25 | 85/11/25 | 10.35 | 11.17 | 11342. | .47 |
| 85 DEC 10 | 85/12/10 | 9.63 | 9.44 | 11739. | .54 |
| 85 DEC 11 | 85/12/11 | 10.08 | 11.42 | 11390. | .49 |
| 85 DEC 12 | 85/12/12 | 9.57 | 10.01 | 11644. | .48 |
| 85 DEC 17 | 85/12/12 | 10.49 | 10.62 | 11455. | .51 |
| 85 DEC 17 | 85/12/17 | 10.49 | 10.46 | 11507. | .49 |
| 85 DEC 18 | 85/12/18 | 11.29 | 10.06 | 11298. | .43 |
| 85 DEC 20 | 85/12/20 | 10.59 | 11.84 | 11050. | .48 |
| 164 SAMPLES | | | | | |
| TOTAL | ***** | 1520.04 | 1718.09 | 1904052. | 87.15 |
| AVERAGE | | 9.26 | 10.48 | 11610.1 | 0.53 |
| | | MOIST. | ASH | BTU | SULFUR |



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

65 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 10, 1986

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 289)

Mr. Dan W. Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

RE: Approval of Application for MRP Permit Amendment,
Incidental Boundary Change, Beaver Creek Coal Company,
C. V. Spur, ACT/007/022, #3 and #4, Carbon County, Utah

The application for the Mining and Reclamation Plan (MRP) permit amendment submitted by Beaver Creek Coal Company on December 5, 1985 for an incidental boundary change at the Castle Valley Preparation Plant has been reviewed by the Division. The proposed plans are acceptable and approval is hereby granted by the Division. Eight (8) copies of the complete set of plans should be submitted in a format allowing direct insertion into the appropriate section of the approved MRPs currently on file with the regulatory agencies.

Please provide these additional copies by February 3, 1986 to complete the approval for this amendment.

Thank you for your cooperation in this matter. Please contact me or Dave Hooper should you have questions.

Sincerely,

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DH/btb
cc: Allen Klein
Lowell Braxton
0338R-8

Beaver Creek Coal Company

P.O. Box 1378

Price, Utah 84501

Telephone 801 637-5050



December 5, 1985

Mr. Lowell Braxton
Administrator
Division of Oil, Gas, & Mining
355 North West Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Incidental Boundary Change
C.V. Spur
ACT/007/022
Carbon County, Utah

Dear Mr. Braxton:

Please find enclosed three (3) copies of a proposal for an incidental boundary change at our C.V. Spur Preparation and Loadout facility.

This change is being requested as a result of a recent transfer of ownership of approximately 0.24 acres of land to Co-Op Mining Company. The land is located in the extreme northwest corner of the permit area as shown on the map. A copy of the transfer of ownership is also provided.

Beaver Creek Coal Company is requesting that this area be removed from our permit, and that our permit boundary be revised and approved as shown on the map. No changes to the surface or ground water hydrology, the operation plan, or the bond will result from this proposal.

It is our hope that this plan will meet with your approval. If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy
Manager of Permitting and Compliance

DWG/sb

cc: Jay Marshall (BCCC)
Reece Wilberg (BCCC)
IBM D3

File 4-P-4-1-5
File 4-P-4-1-6-1 ✓

Beaver Creek Coal Company

P.O. Box 1378

Price, Utah 84501

Telephone 801 637-5050



January 21, 1986 -

Mr. D. Wayne Hedberg
Permit Supervisor
Division of Oil, Gas, & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Incidental Boundary Change
C.V. Spur
ACT/007/022, #3 & #4
Carbon County, Utah

Dear Mr. Hedberg:

Enclosed please find 8 copies of the complete set of plans per your request. I have provided revised maps for the permit area, and a new figure showing the Quitclaim Deed for the excluded piece of property. Please insert the new maps and add the new figure to the appropriate places in the M.R.P.

I appreciate your prompt action in granting this approval. If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy
Manager of Permitting and Compliance

DWG/sb

Enclosures

cc: Jay Marshall (BCCC)
Reece Wilberg (BCCC)
File 4-P-4-1-5
✓ File 4-P-4-1-6-1
IBM D3



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4-P-4-16-1
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

5 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 19, 1985

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 265)

Mr. Dan W. Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

RE: Approval of MRP Amendment, Operator Request to Extend
Perimeter of Refuse Disposal Area #2, C. V. Spur,
ACT/007/022, #3 and #4, Carbon County, Utah

The revised application for Mining and Reclamation Plan (MRP) permit amendment plans submitted by Beaver Creek Coal Company on November 14, 1985 have been reviewed by the Division. The revised plans are acceptable and approval is hereby granted by the Division to proceed with implementation. Please provide an additional five copies of the approved plans for transmittal to the appropriate regulatory agencies.

Thank you for your cooperation in this matter. Please contact me or Dave Wham should you have any questions or concerns.

Sincerely,

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

REVIEW CHRONOLOGY

- A. Operator Submittals
1. October 3, 1985
2. November 14, 1985

- B. DOGM Responses
1. October 28, 1985
2. November 19, 1985

DMW/btb

cc: Allen Klein
Lowell Braxton
Joe Helfrich
John Whitehead

0505R-7

Beaver Creek Coal Company

P.O. Box 1378

Price, Utah 84501

Telephone 801 637-5050



December 4, 1985

Mr. D. Wayne Hedberg
Permit Supervisor
Division of Oil, Gas, & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Additional Copies
M.R.P. Amendment
C.V. Spur
ACT/007/022, #3 & #4
Carbon County, Utah

Dear Mr. Hedberg:

Pursuant to your request in the November 19, 1985 letter of approval, please find enclosed five (5) additional copies of the approved plan.

Thank you and Dave Wham for your cooperation in this matter. If you have any questions, or need any further information, please let me know.

Respectfully,

Dan W. Guy
Manager of Permitting and Compliance

DWG/sb

Enclosures

cc: Jay Marshall (BCCC)
File 4-P-4-1-5
File 4-P-4-1-6-1 ✓
IBM D3



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

35 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 21, 1985

Mr. Dan W. Guy, Manager
Permitting and Compliance
Beaver Creek Coal Company
P. O. Box 1378
Price, Utah 84501

Dear Mr. Guy:

RE: MRP Amendment, New Upgraded Spray Tank/Pump Shed, C. V.
Spur, ACT/007/022, #3 and #4, Carbon County, Utah

As discussed in our phone conversation of June 12, 1985 and in the letter received June 17, 1985 which discusses the proposed replacement of the spray tank/pump shed building which is located adjacent to the silo at the C. V. Spur loadout facility.

Beaver Creek Coal Company (BCCC) proposes to replace an existing shed that houses the spray pumps and panels with a larger new shed which will enclose the same facilities in addition to the tank which is presently located immediately adjacent to the spray pumps and panels and is not covered. The new shed will cover both the pumps and the tank, it will have a small footer and two doors. The floor will be gravel. The tank and pumps are used for dust control (encrusting) agents sprays for the rail cars as they are loaded in the silo.

This change is considered to be minor and as a consequence will not necessitate any changes in drainage, bonding or location of surface facilities. The Division hereby approves the request for change in the new storage shed and the Company is directed to proceed with the proposed plans for change.

Page 2

Mr. Dan W. Guy, Manager

ACT/007/022

June 21, 1985

If you have any questions pertaining to this approval,
please contact me at your earliest convenience.

Sincerely,

Lowell Braxton for

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

btb

cc: Allen Klein
Lowell Braxton
John Whitehead
Tom Wright
8992R-102 & 103

Beaver Creek Coal Company

P.O. Box 1076

Price, Utah 84501

Telephone 801 637-5050



June 13, 1985

Mr. D. Wayne Hedberg
Permit Supervisor
Division of Oil, Gas, and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: C.V. Spur
ACT/007/022
Carbon County, Utah

Dear Mr. Hedberg:

Per our phone conversation of June 12, 1985, I have enclosed a map showing the location of the proposed new spray tank/pump shed to be placed adjacent to our silo.

This shed will replace a smaller, existing shed that houses the spray pumps and panels; the tank is not enclosed at this time. The proposed shed will cover both the pumps and the tank. It will have a small footer and 2 doors; the floor will be gravel. The tank and pumps are used for the dust control (encrusting) agent sprays for the railcars as they are loaded in the silo. This proposal will not necessitate any changes in drainage, bonding, or location of surface facilities.

I hope you will agree with this proposal. If you have any questions, please let me know.

Respectfully,

Dan W. Guy
Manager of Permitting and Compliance

DWG/sb

cc: Bert Jeanselme
File 4-P-4-1-5
File 4-P-4-1-6-1
IBM D1